

4000 B^c

use of sail in Egypt

4000 BC

Some of the earliest WHEELS found
were used in Sumerian
war chariots

4070BC

Intensified procurement of high quality flint from mines (western and northern Europe)

Jade imported from 3000 kilometres away, used for ornaments and weapons in China

4070 BC

For looters, Bulgaria is El Dorado,
a vast store of buried treasure
where graves have harbored gold
since at least 4070 BC (from
Ancient Thracians)

Thracians, Macedonians, Greeks, Romans,
Persians, Slavs, Bulgars, Byzantines,
and Turks all made their mark.

4000 BC

Earliest gold objects buried
in Bulgaria by ancient Thracians
Their history has been lost

They fought in Trojan War
against the Greeks

4000BC

First pottery in Americas from
the Amazon Basin (Peru);
a little later in Colombia and
on the Ecuador Coast

4000BC

Indo-European language
probably began in
the Southern Steppes
of Russia around
4000 B.C. and then
spread westward
to most of Europe
and eastward to Iran
and India

4000 BC

Mesopotamia

Farmers build irrigation
ditches to control river
floods

4000 BC → 3000 BC

From 4000 BC → 3000 BC the Sahara was rich grassland

Tribes painted their cattle grazing.

Still later paintings showed war chariots, Nile boats, camels and bearded warriors with shields and spears
The last tribes left about 2000

yr ago and the Area is now
desolate

© 4000 B.C.

Babylonian astronomy began

c. 4000 BC

Egyptians began to keep records
of important events.
Ancient history lasts from
4000 BC to c. 500 A.D.

4070 BC

About the yr 4070 BC, 5 supplementary days were added to the Egypⁿ hon Cal. at the end of each yr.

This Cal. was still used by Copernicus in the 16th Century A.D.

It was a scale of unvarying length (no intercalations)
the Sothic period is $(4 \times 365.25) = 1461$ yrs

C 4000 BC

Ancient Egyptians, Greeks, and Romans had 24-hr day, but they divided it into 10 hours of light, 10 hours of dark, and 1 hr ea. of dawn & dusk (the twilight hours) which meant that the lengths of the hours depended on the seasons and whether day or night

1 mean solar day = 24 mean solar hours
(ave)

1 ave solar hour = 60 ave solar min.

1 ave solar min = 60 ave solar sec.

1 mean solar day = 86,400 ave solar sec.

4000 BC

Cheese was being made
grapes, oranges and watermelon
were raised

C4000BC

The Egyptians amended their Cal (See 8000BC), added 5 days to their 360 day cal.

This cal. still lost a day every few years, but it was an improvement.

4000 BC

China

The weaving of hemp began
in 4000 BC \pm .

4000 BC

Began the Iron Age

In Greece Iron Age began c. 1000 BC